

This listing of claims will replace all prior versions, listings, of claims in the application:

Listing of Claims:

1. (currently amended) A circular saw blade comprising:

a generally circular blade portion having a width and a central plane through the centre of the width of the blade portion and being parallel to the opposing sides of the blade;

a plurality of spaced apart teeth attached to the circular blade portion, each tooth having a width and each tooth extending outwardly and upwardly from the circular blade portion, having a leading edge, a leading plane and a dimple formed therein proximate to the leading edge, the dimple having a dimple leading edge, a dimple leading edge plane, a top upwardly curved portion and a surface that is shaped inwardly from the top curved portion forming a curved plane and the tooth having a positive rake defined by the dimple;

a curved cutting edge defined by the leading edge of the tooth and the dimple leading edge; and

a top cutting angle is defined by the tooth leading plane and the dimple leading edge plane, the top cutting angle varies along the width of the tooth, the angle increasing to a maximum as it approaches the [centre] central plane from opposed sides of the circular blade portion, the tooth leading plane being generally constant along the width of the tooth and the dimple leading edge plane varying along the width of the tooth such that a first top cutting angle taken adjacent to one of the opposed sides of the circular blade portion and parallel to the central plane is less than second top cutting angles taken spaced more closely to and parallel to the central plane and wherein the positive rake is provided by the variable top cutting angle [formed by the dimple].

2. (cancelled)

3. (previously presented) A circular saw blade as claimed in claim 1 wherein the leading plane is inclined forwardly and wherein the positive rake is further provided by the forward inclination of the tooth.
4. (original) A circular saw blade as claimed in claim 3 wherein the positive rake is in a range between about 20 and about 45 degrees.
5. (original) A circular saw blade as claimed in claim 4 wherein the positive rake is about 40 degrees.
6. (previously presented) A circular saw blade as claimed in claim 1 wherein each tooth defines a cutting radius and a tooth top and a relief angle is defined by the cutting radius and the tooth top and the relief angle is between about 5 and about 15 degrees.
7. (original) A circular saw blade as claimed in claim 6 wherein the relief angle is about 12 degrees.
8. (original) A circular saw blade as claimed in claim 6 wherein each tooth has a lateral side and the blade portion has a plane and a lateral clearance angle is defined by the tooth lateral side and a plane from the leading edge parallel to the plane of the blade portion and the lateral clearance angle is between about 1.5 and about 5 degrees.
9. (original) A circular saw blade as claimed in claim 8 wherein the lateral clearance angle is about 2.5 degrees.
10. (original) A circular saw blade as claimed in claim 1 wherein the positive rake is in a range between about 20 and about 45 degrees.
11. (original) A circular saw blade as claimed in claim 10 wherein the positive rake is about 40 degrees.

12. (original) A circular saw blade as claimed in claim 1 wherein each tooth defines a cutting radius and a tooth top and a relief angle is defined by the cutting radius and the tooth top and the relief angle is between about 5 and about 15 degrees.

13. (original) A circular saw blade as claimed in claim 1 wherein each tooth has a lateral side and the blade portion has a plane and a lateral clearance angle is defined by the tooth lateral side and a plane from the leading edge parallel to the plane of the blade portion and the lateral clearance angle is between about 1.5 and about 5 degrees.

14. (withdrawn) A circular saw blade as claimed in claim 1 wherein the dimple is generally hemispherical shaped.

15. (withdrawn) A circular saw blade as claimed in claim 1 wherein the dimple is generally conical shaped.

16. (withdrawn) A circular saw blade as claimed in claim 1 wherein the dimple is generally hemispherical shaped with truncated sides.

17. (original) A circular saw blade as claimed in claim 1 wherein the dimple is generally shell shaped.

18. (cancelled)

19. (cancelled)